DRAPER DIGEST

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WORLD'S LARGEST MANUFACTURER
OF AUTOMATIC LOOMS.

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Versatile X-2 High Speed Looms for Varied Weaves

When you think of machinery to weave for today's markets you think of production efficiency and versatility at a low net cost.

All over the world people want to live on a higher economic level. They can use a greater volume of all kinds of textile products. They want better clothing and more of it, better fashions in a greater variety of fabrics.

Versatility—the ability to weave a wide range of constructions with one type of loom—has become a vital asset to modern weave rooms of the world.

The Draper X-2 loom, for high-speed production of

one-shuttle cotton and rayon fabrics, is designed to give this desired flexibility to your mill.

With your X-2 looms you can switch from the weaving of surgical gauze to fancy shirtings, or from colored shirtings to denims.

This ability to convert from one weave to another enables your mill to change, at any time, to fabrics greater in demand and currently more profitable.

The X-2 is adaptable to weaving organdies, poplins, cotton prints, chambrays, narrow sheetings, batistes, voiles, piques, twills, drills, broadcloth, terry cloth, shelter tent canvas, gabardines, corduroys, marquisettes, and fancy dobbies.

With it, you can also weave the special high-grade mechanical cloths—materials such as are used for typewriter ribbons and other industrial purposes.

Yarns in use may run from three ply 9's to 120's, English count.

The X-2 Best for Modern Mills

We have built the X-2 automatic loom in sizes to weave cloth from 22″ to 60″ in width.

Mill records prove it to be a most efficient loom.

It combines low maintenance costs with high work loads . . . a high productive rate with efficient operation.

More and better cloth at less cost, with flexible production of varied weaves, is Draper's high achievement with this loom.

Actual figures of operation for the X-2 in United States' mills show 100 looms per weaver, 78 to 120 per fixer, and speeds over 200 picks per minute on some of the plain weaves.

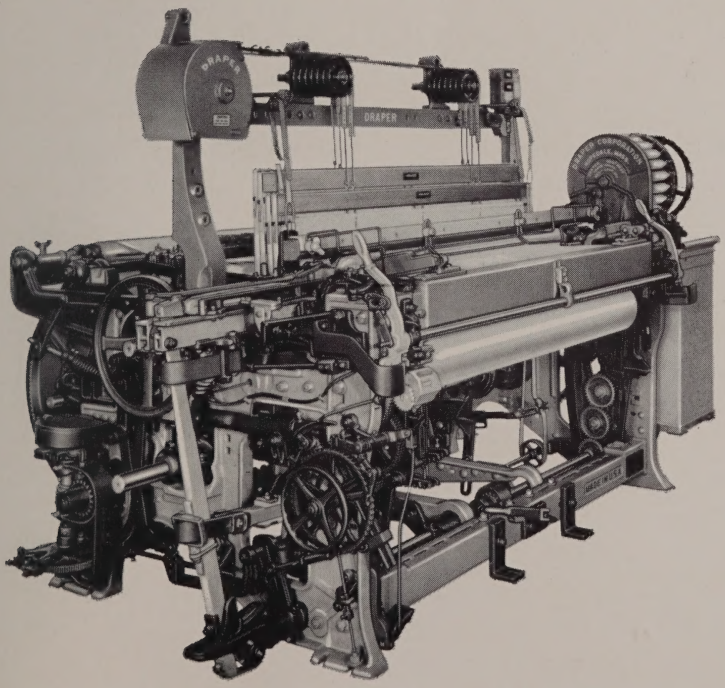
The efficiency of Draper X-2 super high-speed looms has been reached through constant improvement of loom mechanisms and methods of loom manufacture.

Package sizes have been increased to lower weaving costs. Bobbin lengths run from 7″ to 8-¾″ with up to 1-15/32″ diameter of package. Yarn beams up to 32″ in diameter can now be used. New drag roll brackets give a straight warp line and permit placement of the larger yarn beams without removal of the drag roll.

Your X-2 looms may be equipped with side fork, double fork, or center fork; the take-up may be of the worm type or our newly developed ratchet take-up (used with center filling fork for matched pick fabrics).

Harnesses are cam operated with the roll and shaft and the Draper Clock Spring Top for 2 to 6 shade.

The versatile Draper X-2 high-speed automatic loom for weaving a wide range of fine to medium count cotton and rayon fabrics.



A dobby motion is also available.

Being enclosed, our Clock Spring Top is clean. Its easy action reduces wear on top motion parts and harness cams. The dobby motion runs up to 14 harnesses and may have a multiplier to decrease the length of the pattern chain required.

We also furnish a leno motion, without multiplier, for this Draper X-2 Model.

The Bartlett let-off is worm-drive controlled. It is positive in action, requires no adjustment from full to empty beam, and it is built with a needle bearing which gives smoother operation and reduced lubrication needs.

Either electrical or mechanical warp stop motion can be furnished with two, four, or six banks.

X-2 for Quality, Efficiency, Versatility

The Draper X-2 loom you will get today is a finely built weaving machine requiring a minimum of loom fixing.

Refinements of mechanisms give both smoother loom operation and higher quality cloth. Precision manufacture of many individual parts results in lowered weaving costs because of reduced wear. You may expect fewer stoppages, less down time for your looms, and extra profit.

The X-2 is engineered for today's weaving needs. It is widely adaptable to the variety of fabrics which your customers now want.

Looms limited in their flexibility and ability to produce at low cost have no place in the accelerated rhythm of today's world-wide industrialization.

X-2 automatics are leaders in all free-world textile areas. They will strengthen your trade position.

With these looms in your mill you can be sure that, for quality, economy, and versatility in weaving, you have machinery of proven superiority working for you.

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